UNITED NATIONS

DP

Governing Council of the United Nations Development Programme

Distr.
GENERAL

DP/1991/41/Add.3
27 September 1991

ORIGINAL: ENGLISH

Thirty-eighth session
3-21 June 1991, Geneva
Item 7 of the provisional agenda

|SUPPORT|

# UNITED NATIONS TECHNICAL COOPERATIONAL ACTIVITIES

## Statistical information for 1990

## Report of the Secretary-General

CONTENTS

| | | Paragraphs | Page |
|---|---|---|---|
| I. | INTRODUCTION | 1 - 2 | 3 |
| II. | PROGRAMME DELIVERY | 3 - 8 | 3 |

Annex

Tables

| | | |
|---|---|---|
| 1. | United Nations: Project expenditures by organizational entity and source of funds | 5 |
| 2. | DTCD: Project expenditures by field of activity | 14 |
| 3. | DTCD: Project expenditures by region | 15 |
| 4. | DTCD: Project expenditures by component | 16 |
| 5. | DTCD: Number of international experts placed, by nationality and by country or area of assignment | 17 |
| 6. | DTCD: Number of training placements, by nationality and by country of study | 21 |

CONTENTS (continued)

Page

7. DTCD: Cost of equipment ordered by country of procurement ..... 25

8. DTCD: Cost of subcontracts by country of subcontractor ..... 27

9. DTCD: Project reports ..... 28

10. DTCD: Publications, reports and software ..... 31

Figures

1. DTCD project expenditures by source of funds ..... 6

2. DTCD project expenditures by field of activity ..... 7

3. DTCD project expenditures by region ..... 8

4. DTCD project expenditures by component ..... 9

5. DTCD project personnel: proportion of international recruits from developing countries ..... 10

6. DTCD training placements: proportion of host sites in developing countries ..... 11

7. DTCD equipment orders: proportion placed in developing countries . 12

8. DTCD subcontracts: proportion awarded in developing countries .... 13

# I. INTRODUCTION

1. The tables which follow include a summary of statistics on technical cooperation project activities of the organizational entities of the United Nations and detailed information on the Department of Technical Cooperation for Development (DTCD) of the United Nations Secretariat. The information was requested in Governing Council decision 79/22 of 28 June 1979. The present report has been prepared in conjunction with two other reports before the Council at its thirty-eighth session (DP/1991/41/Add.1 and DP/1991/41/Add.2) which contain basic programme data related to work financed by the United Nations Development Programme (UNDP) and information on agency regular budget and non-UNDP extrabudgetary technical cooperation activities. An analysis of the DTCD programme delivery and administrative costs is included in the main text of the present report (DP/1991/41).

2. Financial data for this document have been derived from the financial statements for the year ending 31 December 1990.

# II. PROGRAMME DELIVERY

3. In 1990, the organizational entities of the United Nations delivered a technical cooperation programme of $277 million, compared with $250 million in 1989. This represents an 11 per cent increase in project expenditures.

4. Of this amount, DTCD executed a programme of $180.7 million. Projects financed by UNDP represented $119.3 million; projects financed by the United Nations Population Fund (UNFPA) accounted for $24.6 million; $25.8 million was financed by trust funds; and $11.0 million was expended under the United Nations Regular Programme of Technical Cooperation. In comparison with 1989, current year budgets increased by $15.1 million (7 per cent) in 1990 to $225.6 million, and the delivery of $180.7 million was 11 per cent above the previous year's total of $162.2 million. The implementation rate was 80 per cent.

5. On a geographical basis, the DTCD-executed programme in 1990 included expenditures of $76.1 million in Africa; $55.3 million in Asia and the Pacific; $33.7 million in the Middle East, Mediterranean, Europe and Interregional; and $15.6 million in the Americas. The largest growth was in Asia, where the programme increased by $9.1 million. Project delivery in Africa remained the largest, with a 42 per cent share of the total delivery.

6. The distribution of project expenditures by substantive sectors was the following: natural resources and energy, $70.7 million; development planning, $32.0 million; statistics, $28.7 million; public administration and finance, $26.1 million; population, $10.4 million; social development, $5.1 million; the United Nations Educational and Training Programme for Southern Africa (UNETPSA), $3.9 million; and others, $3.8 million. Natural resources and energy, which includes work in minerals, energy, water and infrastructure,

comprised 39 per cent of the DTCD total, and remained the largest programme; development planning continued to be second. The largest growth by sector was in natural resources and energy, which increased by $10.8 million (18 per cent) over the previous year's expenditures.

7. On a component basis, DTCD delivery in 1990 included $93.8 million for project personnel, $40.2 million for equipment, $26.8 million for training, $10.3 million for subcontracted services and $9.6 million for miscellaneous expenses. The component which showed the largest growth was personnel, which rose by $12.1 million. The proportion of total expenditures increased for subcontracts by 56 per cent; personnel by 15 per cent; equipment by 5 per cent, and miscellaneous, 33 per cent; that for training decreased by 6 per cent.

8. Information on participation in the programme, from developing countries and by women, is as follows: equipment purchased in developing countries totalled $12.4 million or 29 per cent of the total. Of the 1,483 international project personnel serving during the year, 582 or 39 per cent, were from developing countries and 113, or 8 per cent, were female. Of the total of 4,453 training placements made during the year, 2,301 or 52 per cent were for study in developing countries. The trainees themselves numbered 4,065 and of these 755, or 19 per cent, were female.

Annex

Table 1. United Nations: project expenditures by organizational entity and source of funds

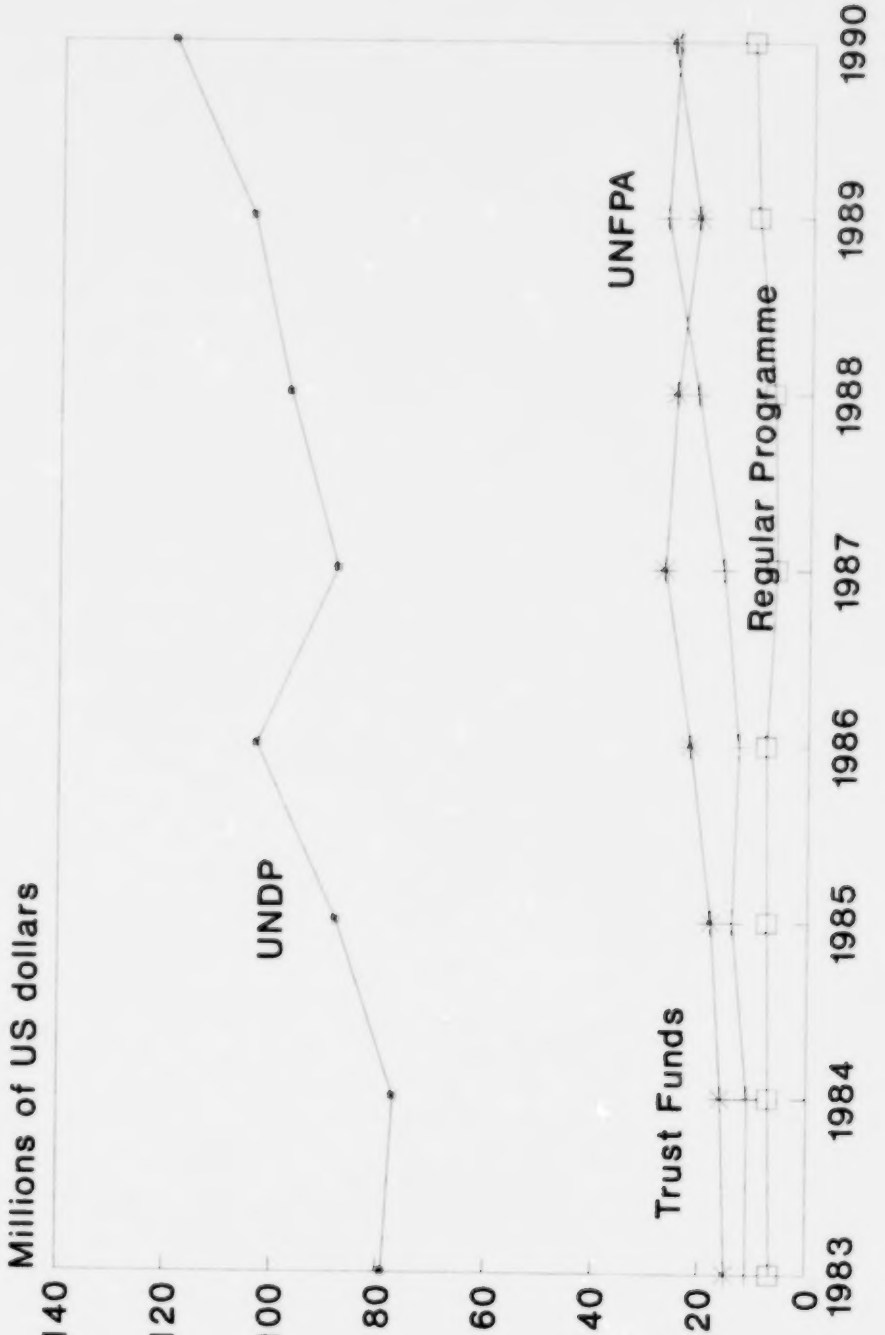
(Thousands of United States dollars)

| | DTCD | UNCHS | UNCTAD | ECA | ECE | ECLAC | ESCAP | ESCWA | TOTAL |
|---|---|---|---|---|---|---|---|---|---|
| A. United Nations Regular Programme of Technical Cooperation | | | | | | | | | |
| 1. Sectoral advisory services | 10 995 | 710 | 1 035 | | | | | | 12 740 |
| 2. Regional and subregional advisory services | | | | 2 072 | 136 | 1 125 | 1 331 | 1 271 | 5 935 |
| Total A | 10 995 | 710 | 1 035 | 2 072 | 136 | 1 125 | 1 331 | 1 271 | 18 675 |
| B. UNDP | | | | | | | | | |
| 1. Indicative planning figure | 114 169 | 17 999 | 14 950 | 7 372 | 451 | 1 526 | 7 222 | 58 | 163 747 |
| 2. Special Programme Resources | 775 | 1 030 | 412 | 788 | | 354 | 454 | | 3 813 |
| 3. Special Measures Fund for the Least Developed Countries | 2 722 | 1 612 | 1 359 | | | | | | 5 693 |
| 4. Government cash counterpart contribution | 1 680 | | 60 | | | | | | 1 740 |
| Total B | 119 346 | 20 641 | 16 781 | 8 160 | 451 | 1 880 | 7 676 | 58 | 174 993 |
| C. UNFPA | 24 643 | | | 4 690 | 368 | 2 401 | 2 122 | 716 | 34 940 |
| D. Trust funds | | | | | | | | | |
| 1. United Nations Educational and Training Programme for South Africa | 3 898 | | | | | | | | 3 898 |
| 2. Associate experts | 4 772 | 553 | | | | | | | 5 325 |
| 3. Recipient Governments and others | 17 078 | 2 719 | 5 396 | 1 630 | | 4 207 | 7 874 | 114 | 39 018 |
| Total D | 25 748 | 3 272 | 5 396 | 1 630 | | 4 207 | 7 874 | 114 | 48 241 |
| Grand total | 180 732 a/ | 24 623 b/ | 23 212 | 16 552 | 955 | 9 613 | 19 003 | 2 159 | 276 849 |

a/ Includes expenditures by the United Nations Centre for Transnational Corporations. See table 2.

b/ Excludes United Nations Habitat and Human Settlements Foundation (UNHHSF) activities.

# Fig.1. UN/DTCD Project Expenditures by Source of Funds

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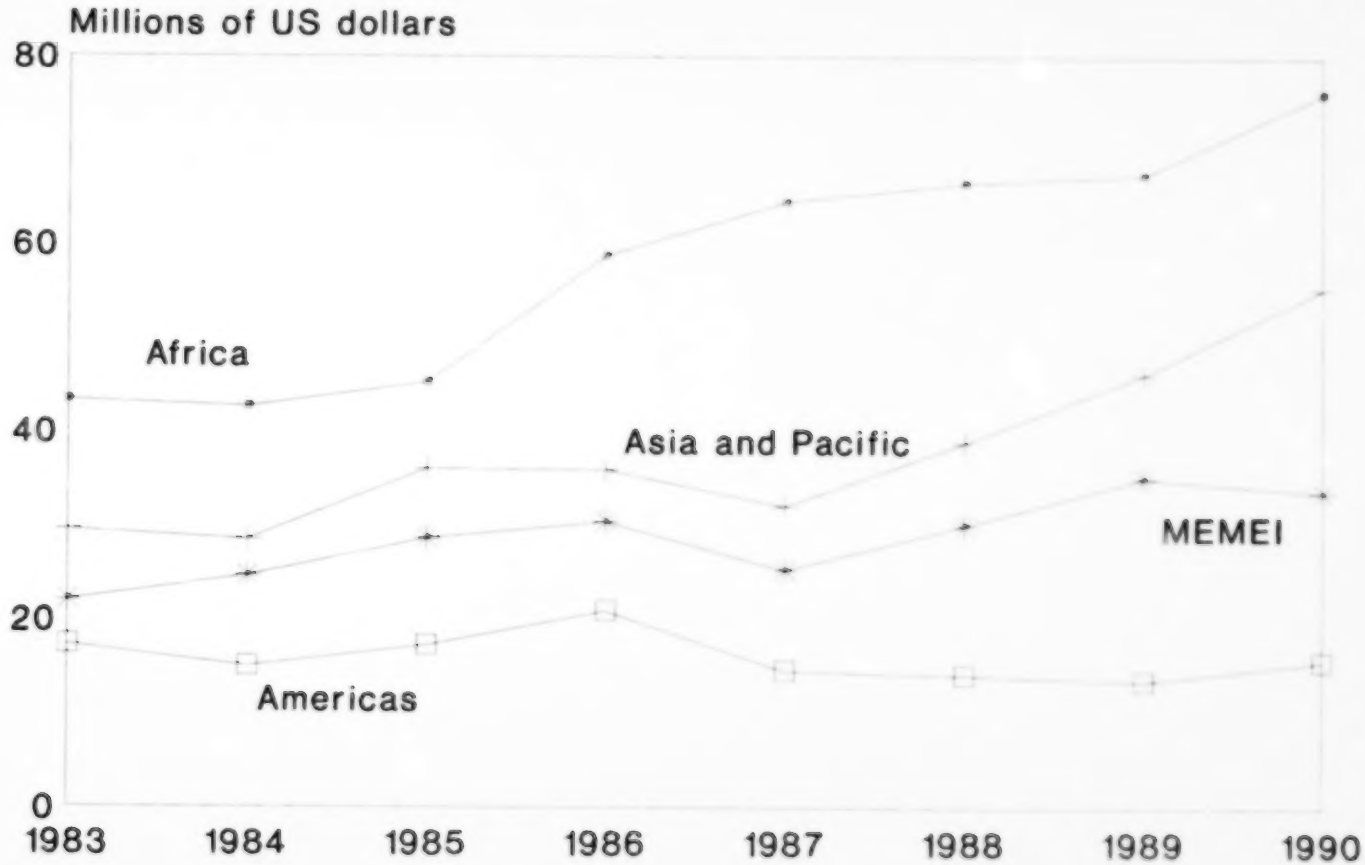
# Fig.2. UN/DTCD Project Expenditures by Field of Activity

# Fig.3. UN/DTCD Project Expenditures by Region

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# Fig.4. UN/DTCD Project Expenditures by Component

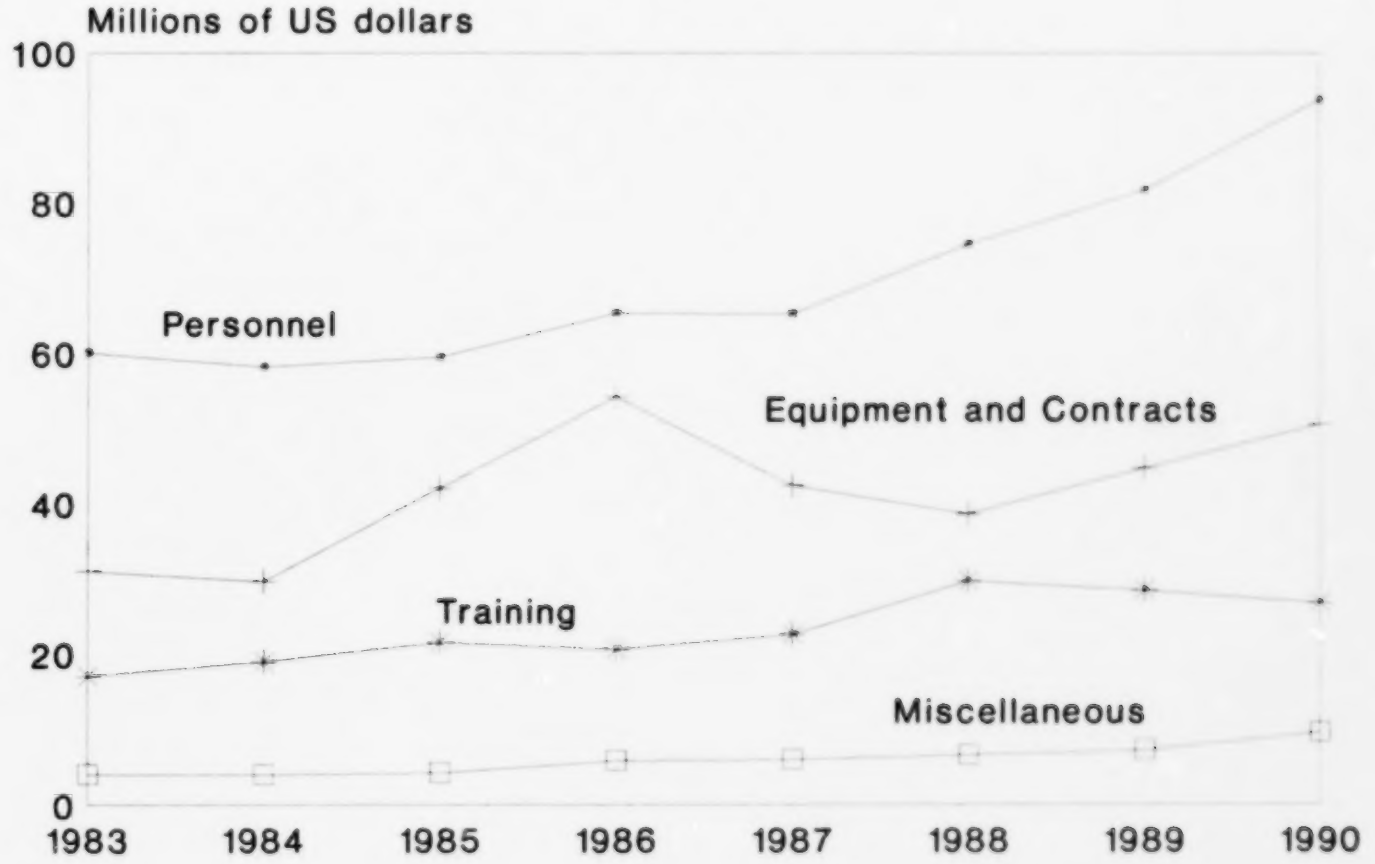




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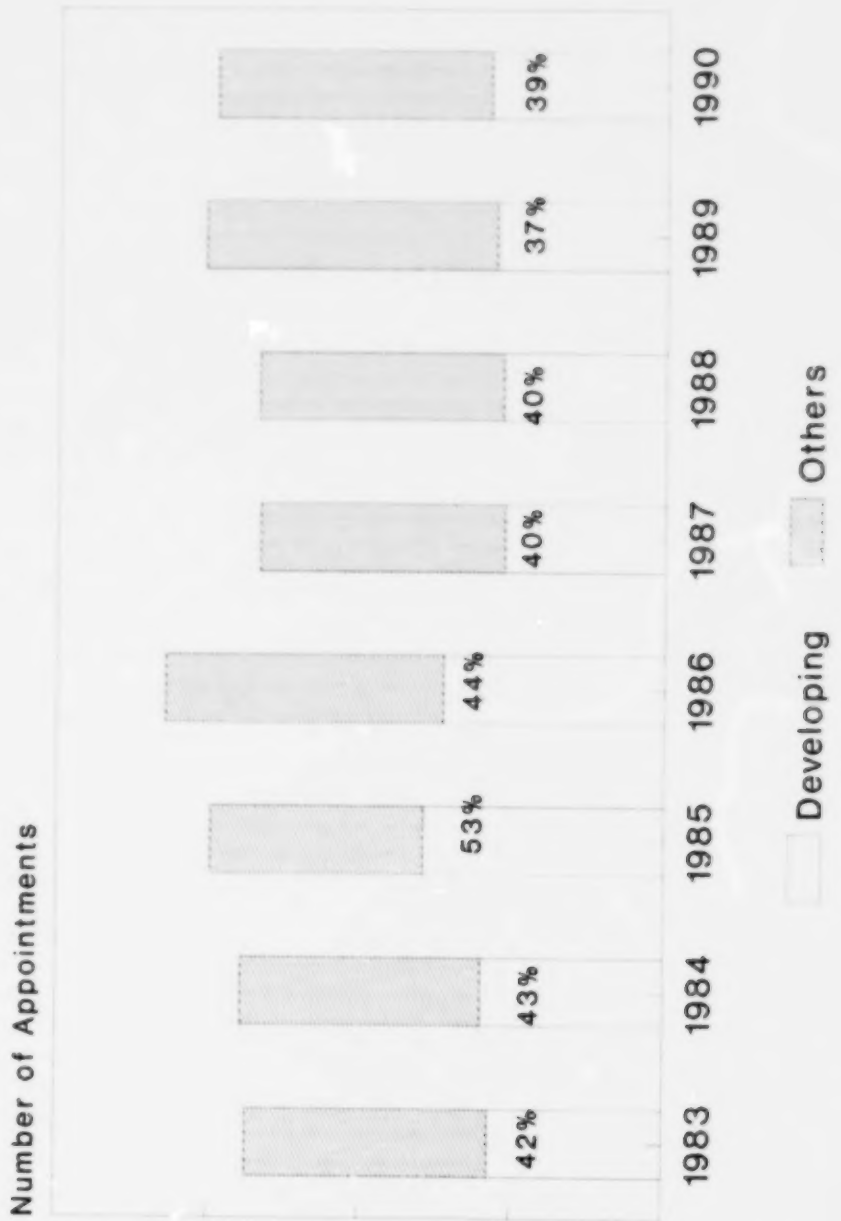
Fig.5. UN/DTCD project personnel:
proportion of international recruits
from developing countries

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## Fig.6. UN/DTCD training placements : proportion of host sites in developing countries

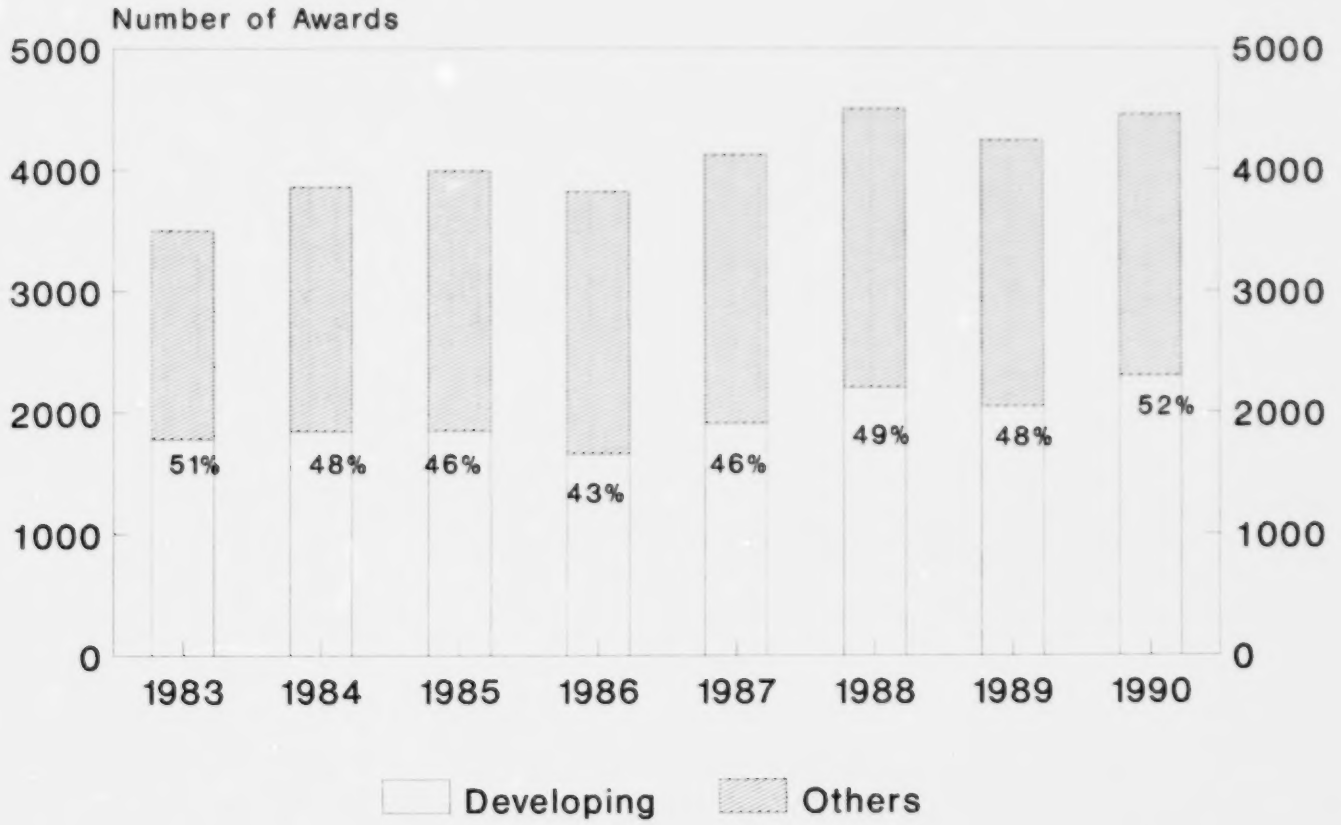




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Fig.7. UN/DTCD equipment orders : proportion placed in developing countries

/...

Fig.8. UN/DTCD subcontracts : proportion awarded in developing countries

/...

Table 2. DTCD: Project expenditures by field of activity

(Thousands of United States dollars)

| | Regular programme | UNDP | UNFPA | Trust funds | Total | Percentage of total |
|---|---|---|---|---|---|---|
| Development planning | 2 005 | 24 010 | | 6 034 | 32 049 | 17.7 |
| Statistics | 755 | 7 288 | 15 255 | 5 382 | 28 680 | 15.9 |
| Public admin. and finance | 1 946 | 22 679 | | 1 429 | 26 054 | 14.4 |
| Natural resources and energy | 5 677 | 59 220 | | 5 807 | 70 704 | 39.1 |
| Population | | 275 | 9 242 | 892 | 10 409 | 5.8 |
| Social development | 612 | 3 106 | 146 | 1 245 | 5 109 | 2.8 |
| Science and technology | | | | 128 | 128 | 0.1 |
| Education and Training Programme for Southern Africa | | | | 3 898 | 3 898 | 2.2 |
| Transnational corporations a/ | | 2 626 | | 740 | 3 366 | 1.9 |
| Legal affairs | | 142 | | 193 | 335 | 0.2 |
| Total | 10 995 | 119 346 | 24 643 | 25 748 | 180 732 | 100.0 |

a/ Implemented by the United Nations Centre on Transnational Corporations.

/...

Table 3. DTCD: Project expenditures by region

(Thousands of United States dollars)

| | Regular programme | UNDP | UNFPA | Trust funds | Total | Percentage of total |
|---|---|---|---|---|---|---|
| Africa | 40 | 51 435 | 10 620 | 14 014 | 76 109 | 42.1 |
| Americas | | 12 598 | 2 276 | 748 | 15 622 | 8.6 |
| Arab States | | 14 076 | 3 448 | 464 | 17 988 | 10.0 |
| Asia and the Pacific | 2 355 | 39 589 | 4 897 | 8 420 | 55 261 | 30.6 |
| Europe | 11 | 1 143 | 515 | 88 | 1 757 | 1.0 |
| Interregional | 8 589 | 505 | 2 887 | 2 014 | 13 995 | 7.7 |
| Total | 10 995 | 119 346 | 24 643 | 25 748 | 180 732 | 100.0 |



/...

Table 4. DTCD: Project expenditures by component

(Thousands of United States dollars)

| Component | Regular programme | UNDP | UNFPA | Trust fund | Total | Percentage of total |
|---|---|---|---|---|---|---|
| Personnel | 7 607 | 63 749 | 9 486 | 12 925 | 93 767 | 51.9 |
| Subcontract | 266 | 9 492 | 399 | 160 | 10 317 | 5.7 |
| Training | 617 | 14 360 | 4 694 | 7 113 | 26 784 | 14.8 |
| Equipment | 2 328 | 25 646 | 7 734 | 4 508 | 40 216 | 22.3 |
| Miscellaneous | 177 | 6 099 | 2 330 | 1 042 | 9 648 | 5.3 |
| Total | 10 995 | 119 346 | 24 643 | 25 748 | 180 732 | 100.0 |

Table 5. DTCD: Number of international experts placed, by nationality and by country or area of assignment

| Country | By nationality | | By country of assignment | |
|---|---|---|---|---|
| | Total | Female | Total | Female |
| Afghanistan | 1 | | 3 | |
| Albania | | | 1 | |
| Algeria | 7 | 1 | 6 | |
| Angola | | | 18 | 1 |
| Argentina | 29 | 6 | | |
| Australia | 26 | 1 | | |
| Austria | 4 | | | |
| Bahamas | | | 6 | 1 |
| Bangladesh | 20 | | 24 | 1 |
| Barbados | | | 3 | |
| Belgium | 60 | 3 | | |
| Belize | | | 7 | 1 |
| Benin | | | 2 | |
| Bhutan | | | 7 | 1 |
| Bolivia | 3 | 2 | 3 | |
| Botswana | | | 5 | |
| Brazil | 15 | 1 | 4 | |
| Cameroon | 1 | | 3 | |
| Bulgaria | | | 4 | |
| Burkina Faso | 4 | | 41 | 3 |
| Burundi | | | 14 | |
| Cameroon | 1 | | 3 | |
| Canada | 88 | 9 | | |
| Cape Verde | | | 11 | 1 |
| Central African Republic | | | 11 | |
| Chad | | | 26 | |
| Chile | 28 | | | |
| China | 9 | | 20 | |
| Colombia | 17 | 4 | 5 | |
| Comoros | | | 6 | |
| Congo | | | 3 | 1 |
| Costa Rica | | | 3 | 2 |
| Côte d'Ivoire | 1 | | 5 | |
| Cuba | 3 | | 1 | |
| Cyprus | 1 | | 2 | 2 |
| Czechoslovakia | 5 | | | |
| Denmark | 10 | 1 | | |
| Djibouti | | | 2 | |
| Dominican Republic | 2 | 1 | 7 | 1 |
| Ecuador | 2 | | 9 | |
| Egypt | 25 | | 4 | |
| El Salvador | 1 | | 12 | 1 |

Table 5 (continued)

| Country | By nationality | | By country of assignment | |
|---|---|---|---|---|
| | Total | Female | Total | Female |
| Equatorial Guinea | | | 12 | 2 |
| Ethiopia | 4 | | 14 | 2 |
| Fiji | | | 1 | |
| Finland | 8 | 1 | | |
| France | 175 | 10 | | |
| Gabon | | | 8 | |
| Gambia | | | 15 | 2 |
| Germany | 43 | 4 | | |
| Ghana | 9 | 1 | 4 | 1 |
| Guatemala | 1 | 1 | | |
| Guinea | 1 | | 28 | 4 |
| Guinea-Bissau | 2 | | 35 | 4 |
| Guyana | 3 | | 12 | |
| Haiti | 1 | | 28 | 3 |
| Honduras | | | 5 | 1 |
| Hungary | 4 | | | |
| Iceland | 1 | | | |
| India | 65 | 2 | 21 | |
| Indonesia | 17 | | 1 | |
| Interregional | | | 112 | 19 |
| Iran, Islamic Republic of | 3 | | 7 | |
| Iraq | 3 | | 5 | |
| Ireland | 4 | | | |
| Israel | 10 | | | |
| Italy | 27 | 6 | | |
| Jamaica | 4 | 3 | 10 | |
| Japan | 44 | 2 | | |
| Jordan | 11 | | 17 | |
| Kenya | 5 | | 1 | |
| Kuwait | | | 5 | |
| Lao People's Democratic Republic | | | 18 | 1 |
| Lebanon | 3 | | | |
| Lesotho | | | 8 | |
| Liberia | | | 4 | |
| Libyan Arab Jamahiriya | | | 2 | |
| Madagascar | 1 | | 4 | |
| Malawi | 3 | | 15 | 2 |
| Malaysia | 13 | 1 | 5 | |
| Maldives | | | 1 | 1 |
| Mali | 9 | | 27 | 1 |
| Mauritania | | | 6 | |
| Mauritius | 1 | | 2 | |

Table 5 (continued)

| Country | By nationality | | By country of assignment | |
|---|---|---|---|---|
| | Total | Female | Total | Female |
| Mexico | 4 | 1 | 4 | |
| Mongolia | | | 4 | |
| Morocco | 2 | | 13 | |
| Mozambique | | | 54 | 8 |
| Myanmar | 4 | | 4 | |
| Namibia | | 1 | 1 | |
| Nepal | 4 | | 20 | |
| Netherlands | 77 | 3 | | |
| New Zealand | 3 | | | |
| Nicaragua | 2 | | 13 | 1 |
| Niger | | | 39 | 2 |
| Nigeria | | | 11 | |
| Norway | 6 | | | |
| Oman | | | 10 | |
| Pakistan | 24 | | 24 | 2 |
| Panama | 1 | | 1 | |
| Papua New Guinea | | 15 | 1 | |
| Paraguay | 1 | | 11 | 1 |
| Peru | 16 | 1 | 2 | |
| Philippines | 29 | 12 | 2 | |
| Poland | 6 | | 2 | |
| Portugal | 28 | 5 | | |
| Qatar | | | | |
| Regional Africa | | | 30 | |
| Regional Americas | | | 20 | 1 |
| Regional Arab Bureau | | | 16 | |
| Regional Asia | | | 265 | 22 |
| Regional Middle East | | | 2 | |
| Republic of Korea | 11 | | 2 | |
| Romania | 1 | | | |
| Rwanda | | | 8 | |
| Saint Lucia | | | 1 | |
| Saint Vincent and the Grenadines | | | 1 | |
| Sao Tome and Principe | | | 8 | |
| Saudi Arabia | | | 24 | |
| Senegal | 8 | | 27 | 4 |
| Seychelles | | | 2 | |
| Sierra Leone | 1 | | 9 | |
| Singapore | 4 | 1 | | |
| Solomon Islands | | | 2 | |
| Somalia | 1 | | 6 | |
| Spain | 10 | | | |

Table 5 (continued)

| Country | By nationality | | By country of assignment | |
|---|---|---|---|---|
| | Total | Female | Total | Female |
| Sri Lanka | 15 | | 5 | 1 |
| Stateless | 7 | 2 | | |
| Sudan | 7 | | 21 | |
| Suriname | 1 | | | |
| Swaziland | | | 8 | |
| Sweden | 10 | | | |
| Switzerland | 11 | | | |
| Syrian Arab Republic | 4 | | 3 | |
| Republic of Hong Kong | 1 | | | |
| Thailand | 29 | 3 | 11 | |
| Togo | 4 | | 6 | |
| Tonga | | | 2 | |
| Trinidad and Tobago | 1 | 1 | | |
| Tunisia | 16 | 2 | 1 | |
| Turkey | 4 | | 7 | |
| Tuvalu | | | 1 | 1 |
| Uganda | 2 | | 9 | 2 |
| USSR | 2 | | | |
| United Arab Emirates | | | 13 | |
| United Kingdom | 97 | 6 | | |
| United Republic of Tanzania | 6 | 1 | 17 | |
| USA | 156 | 11 | | |
| Uruguay | 4 | 1 | | |
| Vanuatu | | | 7 | 1 |
| Venezuela | | | 6 | 1 |
| Viet Nam | 2 | | 16 | |
| Yemen | 1 | | 35 | 1 |
| Yugoslavia | 10 | 1 | | |
| Zaire | 3 | | 22 | 4 |
| Zambia | 2 | | 5 | 1 |
| Zimbabwe | 8 | 2 | 8 | |
| Total | 1 483 | 113 | 1 567 | 114 |

Table 6. DTCD: Number of training placements, by nationality and by country of study

| Country | By nationality | | By country of study | |
|---|---|---|---|---|
| | Total | Female | Total | Female |
| Afghanistan | 12 | 2 | | |
| Albania | 15 | 1 | | |
| Algeria | 17 | 2 | 2 | |
| Angola | 18 | 2 | | |
| Antigua and Barbuda | 1 | | 1 | 1 |
| Argentina | 7 | 4 | 5 | 1 |
| Australia | 7 | | 65 | 3 |
| Austria | 1 | | 10 | 2 |
| Bahamas | 3 | | | |
| Bahrain | 3 | 1 | | |
| Bangladesh | 35 | 4 | 16 | |
| Barbados | 4 | 1 | 1 | 1 |
| Belgium | 1 | | 31 | 4 |
| Belize | 6 | 2 | | |
| Benin | 5 | | | |
| Bhutan | 85 | 7 | 1 | |
| Bolivia | 13 | | 1 | |
| Botswana | 7 | 2 | 48 | 16 |
| Brazil | 23 | 5 | 17 | 3 |
| Bulgaria | 33 | 3 | 19 | 4 |
| Burkina Faso | 85 | 4 | 30 | |
| Burundi | 30 | 1 | 5 | |
| Cameroon | 8 | | 5 | |
| Canada | 3 | | 125 | 10 |
| Cape Verde | 16 | 7 | 3 | |
| Central African Republic | 10 | | 4 | |
| Chad | 21 | | 10 | |
| Chile | 2 | | 13 | |
| China | 176 | 31 | 72 | 13 |
| Colombia | 3 | 1 | 11 | |
| Comoros | 5 | | | |
| Congo | 10 | | 92 | 61 |
| Costa Rica | 3 | | 14 | 5 |
| Côte d'Ivoire | 17 | | 28 | |
| Cuba | 11 | 1 | 6 | 2 |
| Cyprus | 3 | | 3 | |
| Czechoslovakia | 2 | | | |
| Denmark | | | 20 | |
| Djibouti | 15 | | | |
| Dominica | 3 | | | |
| Dominican Republic | 4 | | 1 | |
| Ecuador | 21 | | 31 | 7 |

Table 6 (continued)

| Country | By nationality | | By country of study | |
|---|---|---|---|---|
| | Total | Female | Total | Female |
| Egypt | 37 | 17 | 151 | 24 |
| El Salvador | 35 | 17 | 29 | 13 |
| Equatorial Guinea | 14 | | 1 | 1 |
| Ethiopia | 75 | 5 | 8 | |
| Fiji | 7 | 1 | 1 | |
| Finland | | | 1 | |
| France | 7 | | 215 | 19 |
| Gabon | 5 | | | |
| Gambia | 34 | 5 | | |
| Germany | 4 | 1 | 95 | 6 |
| Ghana | 70 | 2 | 66 | 2 |
| Greece | | | 3 | |
| Grenada | 2 | | | |
| Guatemala | 4 | | | |
| Guinea | 40 | 7 | 4 | 1 |
| Guinea-Bissau | 23 | 1 | | |
| Guyana | 15 | 2 | | |
| Haiti | 17 | 5 | | |
| Honduras | 4 | 1 | 1 | |
| Hungary | 8 | 1 | 24 | 11 |
| Iceland | 1 | | | |
| India | 141 | 3 | 108 | 7 |
| Indonesia | 26 | 1 | 23 | 3 |
| Iran, Islamic Republic of | 19 | 1 | | |
| Iraq | 13 | 1 | 4 | |
| Ireland | | | 81 | 2 |
| Israel | | | 6 | 1 |
| Italy | 1 | | 33 | 3 |
| Jamaica | 11 | 2 | 6 | 2 |
| Japan | 35 | 1 | 159 | 11 |
| Jordan | 21 | | 25 | |
| Kenya | 29 | 4 | 16 | 3 |
| Korea, Democratic People's Republic | 13 | | | |
| Lao People's Democratic Republic | 15 | | | |
| Lebanon | 2 | | | |
| Lesotho | 24 | 12 | 98 | 42 |
| Liberia | 11 | | 2 | |
| Madagascar | 15 | 1 | 3 | |
| Malawi | 37 | 2 | 5 | 2 |
| Malaysia | 22 | 3 | 63 | 9 |
| Maldives | 3 | | | |

Table 6 (continued)

| Country | By nationality | | By country of study | |
|---|---|---|---|---|
| | Total | Female | Total | Female |
| Mali | 24 | | 29 | 1 |
| Malta | | | 80 | 24 |
| Mauritania | 4 | | 1 | |
| Mauritius | 3 | | 1 | |
| Mexico | 20 | 6 | 15 | 3 |
| Mongolia | 25 | 2 | | |
| Montserrat | 2 | 1 | | |
| Morocco | 36 | 3 | 55 | 3 |
| Mozambique | 44 | 5 | | |
| Myanmar | 27 | 3 | | |
| Namibia | 176 | 85 | 1 | 1 |
| Nepal | 36 | 1 | | |
| Netherlands | 1 | | 53 | 4 |
| New Zealand | 1 | | 3 | |
| Nicaragua | 14 | 5 | | |
| Niger | 80 | 5 | 54 | 5 |
| Nigeria | 60 | 4 | 9 | 4 |
| Norway | | | 1 | |
| Oman | 14 | 1 | | |
| Pakistan | 35 | 1 | 20 | 5 |
| Panama | 3 | 1 | 1 | |
| Papua New Guinea | 14 | | | |
| Paraguay | 10 | 4 | | |
| Peru | 11 | 2 | 3 | |
| Philippines | 46 | 19 | 24 | |
| Poland | 28 | 5 | 25 | 4 |
| Portugal | | | 37 | 10 |
| Regional Americas | 7 | | 4 | |
| Regional Asia | 7 | | 4 | |
| Republic of Korea | 12 | 1 | 3 | |
| Romania | 21 | 7 | 4 | |
| Rwanda | 16 | | 6 | |
| Saint Lucia | 4 | 2 | | |
| Saint Vincent and the Grenadines | 3 | | | |
| Sao Tome and Principe | 14 | 6 | | |
| Saudi Arabia | 4 | | 3 | |
| Senegal | 14 | 1 | 38 | 1 |
| Seychelles | 4 | 2 | 27 | |
| Sierra Leone | 18 | 3 | | |
| Singapore | 5 | 1 | 28 | |
| Solomon Islands | 2 | | | |
| Somalia | 34 | 6 | | |

Table 6 (continued)

| Country | By nationality | | By country of study | |
|---|---|---|---|---|
| | Total | Female | Total | Female |
| South Africa | 857 | 304 | 5 | |
| Spain | | | 16 | 1 |
| Sri Lanka | 24 | 4 | | |
| Stateless | 8 | 4 | | |
| Sudan | 54 | 7 | | |
| Suriname | 2 | 1 | | |
| Swaziland | 5 | 1 | 48 | 24 |
| Sweden | 1 | | 15 | 4 |
| Switzerland | 1 | | 28 | 3 |
| Syrian Arab Republic | 5 | | 8 | |
| Territory of Hong Kong | 1 | | 11 | |
| Thailand | 57 | 22 | 128 | 13 |
| Togo | 5 | 2 | 5 | |
| Tonga | | | 15 | |
| Trinidad and Tobago | 3 | 2 | 15 | 3 |
| Tunisia | 5 | | 25 | 2 |
| Turkey | 32 | 2 | | |
| Tuvalu | 2 | | | |
| Uganda | 28 | 8 | 11 | 3 |
| USSR | 1 | | 89 | 23 |
| United Arab Emirates | | | 2 | |
| United Kingdom | 3 | | 309 | 51 |
| United Republic of Tanzania | 98 | 15 | 309 | 90 |
| USA | 36 | 3 | 746 | 176 |
| Uruguay | 4 | 3 | 1 | |
| Vanuatu | 2 | | | |
| Venezuela | 5 | 2 | 28 | 1 |
| Viet Nam | 144 | 7 | | |
| Yemen | 119 | | 44 | |
| Yugoslavia | 8 | 1 | 18 | |
| Zaire | 36 | | 1 | |
| Zambia | 39 | 6 | 26 | 4 |
| Zimbabwe | 17 | 2 | 100 | 14 |
| Total | 4 065 | 755 | 4 453 | 772 |

Table 7. DTCD: Cost of equipment ordered by country of procurement

(United States dollars)

| Country | Cost of equipment ordered | Country | Cost of equipment ordered |
|---|---|---|---|
| Angola | 96 175 | Guinea | 166 398 |
| Argentina | 10 700 | Guinea-Bissau | 238 771 |
| Australia | 166 674 | Guyana | 37 580 |
| Austria | 1 133 807 | Haiti | 924 290 |
| Bangladesh | 337 707 | Honduras | 11 219 |
| Belgium | 65 357 | India | 175 639 |
| Benin | 22 385 | Iran, Islamic Republic of | 21 000 |
| Bhutan | 22 870 | Iraq | 24 222 |
| Bolivia | 48 239 | Ireland | 753 641 |
| Botswana | 11 000 | Italy | 1 333 431 |
| Bulgaria | 23 685 | Jamaica | 164 519 |
| Burkina Faso | 462 397 | Japan | 3 161 865 |
| Burundi | 76 753 | Jordan | 229 639 |
| Cameroon | 5 578 | Kenya | 112 531 |
| Canada | 1 560 462 | Kuwait | 9 371 |
| Cape Verde | 28 800 | Lao People's Democratic Republic | 420 303 |
| Central African Republic | 84 748 | Lesotho | 29 497 |
| Chad | 258 546 | Liberia | 82 164 |
| China | 1 567 759 | Luxembourg | 9 055 |
| Colombia | 4 307 | Madagascar | 139 141 |
| Comoros | 10 010 | Malawi | 301 737 |
| Congo | 24 100 | Malaysia | 2 798 |
| Côte d'Ivoire | 64 453 | Mali | 198 880 |
| Cuba | 48 876 | Mauritania | 32 636 |
| Denmark | 368 573 | Mauritius | 23 376 |
| Djibouti | 52 940 | Mexico | 5 041 |
| Ecuador | 131 832 | Morocco | 45 281 |
| Egypt | 128 686 | Mozambique | 289 479 |
| El Salvador | 191 391 | Myanmar | 15 762 |
| Equatorial Guinea | 35 056 | Namibia | 16 500 |
| Ethiopia | 70 742 | Nepal | 76 356 |
| Finland | 4 963 | Netherlands | 782 600 |
| France | 1 137 926 | Nicaragua | 22 308 |
| Gabon | 9 000 | Niger | 614 360 |
| Gambia | 113 359 | Nigeria | 21 446 |
| Germany | 1 256 992 | Norway | 38 143 |
| Ghana | 98 537 | Oman | 34 787 |
| Guatemala | 13 825 | | |

Table 7 (continued)

| Country | Cost of equipment ordered | Country | Cost of equipment ordered |
|---|---|---|---|
| Pakistan | 91 672 | Switzerland | 712 742 |
| Panama | 202 265 | Syrian Arab Republic | 6 500 |
| Papua New Guinea | 22 609 | Territory of Hong Kong | 654 429 |
| Paraguay | 58 723 | Thailand | 68 034 |
| Peru | 5 016 | Togo | 36 103 |
| Philippines | 157 887 | Tonga | 19 632 |
| Poland | 6 015 | Tunisia | 41 587 |
| Portugal | 78 248 | Turkey | 47 272 |
| Qatar | 500 | Tuvalu | 216 490 |
| Republic of Korea | 35 482 | Uganda | 725 230 |
| Romania | 2 355 | USSR | 2 296 005 |
| Rwanda | 144 876 | United Arab Emirates | 33 359 |
| Sao Tome and Principe | 46 768 | United Kingdom | 3 698 854 |
| Senegal | 213 147 | United Republic of Tanzania | 163 627 |
| Seychelles | 5 040 | USA | 10 934 333 |
| Sierra Leone | 62 504 | Vanuatu | 13 300 |
| Singapore | 144 876 | Venezuela | 20 700 |
| Somalia | 10 000 | Viet Nam | 104 547 |
| Spain | 2 507 | Yemen Arab Republic | 78 067 |
| Sri Lanka | 258 911 | Yugoslavia | 2 000 |
| Sudan | 129 148 | Zaire | 146 322 |
| Swaziland | 29 940 | Zambia | 200 349 |
| Sweden | 295 533 | Zimbabwe | 59 694 |
| | | Total | 42 598 174 |

Table 8. DTCD: Cost of subcontracts by country of subcontractor

(United States dollars)

| Country of subcontractor | Total per country | Country of subcontractor | Total per country |
|---|---|---|---|
| Argentina | 29 400 | Lebanon | 37 000 |
| Australia | 171 600 | Malawi | 117 718 |
| Bangladesh | 71 844 | Mali | 18 590 |
| Bhutan | 128 000 | Mexico | 106 304 |
| Burkina Faso | 136 216 | Mozambique | 89 770 |
| Canada | 958 059 | New Zealand | 93 600 |
| Cape Verde | 10 000 | Nicaragua | 32 405 |
| Central African Republic | 22 742 | Pakistan | 13 000 |
| China | 108 200 | Papua New Guinea | 15 537 |
| Comoros | 3 861 | Paraguay | 35 251 |
| Congo | 24 700 | Philippines | 94 500 |
| Costa Rica | 12 000 | Rwanda | 25 000 |
| Czechoslovakia | 8 000 | Senegal | 42 307 |
| Denmark | 250 800 | Sierra Leone | 80 000 |
| Ecuador | 36 000 | Sri Lanka | 5 300 |
| Egypt | 359 897 | Sudan | 39 133 |
| Equatorial Guinea | 600 | Swaziland | 700 |
| Ethiopia | 7 756 | Sweden | 126 191 |
| Fiji | 25 000 | Switzerland | 6 000 |
| France | 1 293 522 | Thailand | 122 726 |
| Germany | 339 067 | Togo | 1 500 |
| Ghana | 1 500 | Trinidad and Tobago | 15 000 |
| Guinea-Bissau | 46 500 | Tunisia | 6 000 |
| Haiti | 7 500 | Uganda | 10 500 |
| Hungary | 8 000 | United Kingdom | 148 614 |
| India | 114 000 | United Republic of Tanzania | 8 800 |
| Ireland | 314 531 | USA | 4 164 686 |
| Israel | 36 500 | Yemen | 5 560 |
| Italy | 385 500 | Yugoslavia | 17 350 |
| Japan | 67 805 | Zaire | 43 482 |
| Jordan | 5 224 | | |
| Lao Pecple's Democratic Republic | 18 700 | Total | 10 525 548 |

Table 9. DTCD: Project reports

A. Agency terminal reports

BEN-85-004 BENIN. Plan directeur des ressources en eau. 57 + x pp. French.

BER-86-002 BERMUDA. Advanced Ground-water Modelling and Software Development. 21 + iv pp. English.

BOL-82-T01 BOLIVIA. Asistencia en la Implementación de Políticas Mineras e Implementación de Técnicas de Procesamiento Electrónico de Datos en el Sector Minero. 14 pp. Spanish.

BUL-87-P01 BULGARIA. Varna Meeting on Integrated Statistical Systems. 700 pp. English.

BKF-80-016 BURKINA FASO. Assistance à l'évaluation et la mise en valeur des petits gîtes aurifères. 20 pp. French.

BKF-83-002 BURKINA FASO. Recherches minières dans le centre et le nord-ouest. 30 + v pp. French.

BKF-86-001 BURKINA FASO. Appui aux activités du secteur eau du plan quinquennial 1986-1990. 80 + viii pp. French.

BDI-85-007 BURUNDI. Planification régionale. 13 + iv pp. French.

CHI-85-001 CHILE. Fortalecimiento Institucional para le Gestión del Proceso de Inversion Pública. 77 + vi pp. Spanish.

ETH-83-007 ETHIOPIA. Strengthening of the Ethiopian Mapping Agency. (Phase II). 8 + iv pp. English.

GBS-86-001 GUINEA-BISSAU. Projet de développement rural intégré des îles Bijagos. 53 pp. French.

IND-79-034 INDIA. Establishment of Soul Dynamics Laboratory. 14 + iv pp. English.

IND-79-037 INDIA. Establishment of Research and Testing Facilities for Rockfill. 15 + iv pp. English.

IND-82-049 INDIA. Behaviour of Concrete Under High Triaxial Stresses. 14 + iv pp. English.

IND-82-015 INDIA. Training Support to the Geological Survey of India. 54 + v pp. English.

IND-82-052 INDIA. Facilities of Research Testing in Rock Mechanics. 17 + iv pp. English.

IND-85-X01 INDIA. Water Resources Management Studies in Tamil Nadu. 226 + xv pp. English.

IRA-82-006 IRAN. Utilization of Mass Spectrometer for Mineral Analysis. 10 + iv pp. English.

JOR-86-006 JORDAN. Enhancing and Expanding Planning Capacities and Plan Management. 33 + iv pp. English.

RLA-82-023 LATIN AMERICA. Water Resources Assessment, Development and Management in the Small Caribbean Islands. 80 + viii pp. English.

LES-84-011 LESOTHO. Strengthening of Hydrological Services. 33 + v pp. English.

LIR-87-006 LIBERIA. Self-Help Village Development in Eastern Liberia: Phase II. 53 + x pp. English.

MLI-85-007 MALI. Prospection de la région aurifère de la Bagoe. 39 + vi pp. French.

MOZ-84-007 MOZAMBIQUE. Evaluation of Bauxite Deposits in Manica Province. 20 + v pp. English.

NIR-83-004 NIGERIA. Water Resources Development in Rural Areas: Benue State. 15 + iv pp. English.

PAK-84-009 PAKISTAN. Exploration of the Zinc-Lead Potential of the Lasbela-Khuzdar Belt. 26 + vi pp. English.

RWA-77-009 RWANDA. Bureau national d'études de projets. Assistance à BUNEP. 11 + iv pp. French.

RWA-78-007 RWANDA. Assistance à la planification. 19 + ii pp. French.

RWA-87-P03 RWANDA. Assistance à ONAPO. 509 pp. French.

SAU-81-005 SAUDI ARABIA. Integrated Rural Development. 29 + vi pp. English.

STV-80-001 SAINT VINCENT AND THE GRENADINES. Volcano Monitoring. 7 + iv pp. English.

THA-83-004 THAILAND. Ground-water Data Centre. 44 + vi pp. English.

UAE-84-008 UNITED ARAB EMIRATES. Development Planning of Dubai Emirate. 33 + v pp. English.

VIE-80-024 VIET NAM. Geological Research and Analysis. 25 + vi pp. English.

ZAI-79-002 ZAIRE. Assistance à la planification du développement et à la gestion économique. 25 + v pp. French.

B. Other a/

CPR-89-R03 United Nations Workshop on Water Resources Management in Northern China. 150 pp. English.

UGA-85-P03 Demographic Training and Research at Makarere University. Workshop on Population and Development. 281 pp. English.

UGA-88-P02 Demographic Training and Research at Makarere University. Proceedings of the Workshop on Women, Population and Development. 283 pp. English.

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a/ The results of interregional seminars and related gatherings, previously in table 7, are henceforth included in table 8.

Table 10. DTCD: Publications, reports and software

A. General information and programme support

Into the 1990s - At the service of developing countries (DTCD general brochure). (Arabic, Chinese, English, French, Spanish) 36 pp.

Advisory services available from the United Nations Department of Technical Cooperation for Development and the United Nations Regional Commissions. (English) 301 pp.

Selected publications and software. (English) 15 pp.

DTCD News. Vol. 3, Nos. 1-4 (English) 8 pp. each.

Population (DTCD sectoral brochure). (English, French, Spanish) 6 pp.

Development information abstracts. Vol. 10, No. 1, 47 pp.; Nos. 2-4, 63 pp.; Nos. 5-6, 58 pp. (Entries and subject index in English/French/Spanish, abstracts in English).

Meeting of National Recruitment Services, September 1990: Final report. (English) 41 pp.

B. Development planning

Programación y administración de la inversión pública (Final report of interregional seminar). (Spanish) 423 pp.

Experiencias en programación y administración de la inversión pública (Final report of interregional seminar). (Spanish) 388 pp.

Strengthening the Institutional and Managerial Capacity of African Countries in Development Planning. Report on the Interregional Workshop on Planning of Financial Resources for Development. (English, French) 203 + xii pp.

C. Development administration

1. General

Development Administration Newsletter. Nos. 80 and 81 (English) 8 pp.

2. Public administration

Management of government information systems: Elements of strategies and policies (ST/TCD/SER.E/10. E.89.II.H.4). (English) 192 pp.

Corruption in Government: Report of an Interregional Seminar (TCD/SEM.90/2). (English) 129 + iii pp.

Policy development for women's participation in public management: Report of an Interregional Seminar. (English) 75 + iv pp.

### 3. Public finance

Accounting and auditing of foreign aid programmes and EDP audit: Report of an expert group meeting jointly sponsored by the United Nations and the International Organization of Supreme Audit Institutions (INTOSAI). (English) 37 + iii pp.

Public joint ventures in developing countries: organization, management and critical issues (ST/TCD/SER.E/6. E.89.II.H.1). (English, French, Spanish) 144 pp.

Training of government accountants and auditors (ST/TCD/SER.E/9. E.89.II.H.2). (English) 59 pp.

Application of government audit standards in developing countries (ST/TCD/SER.E/12. E.90.II.H.1). (English) 121 pp.

Application of audit standards in the public sector (TCD/SEM.89/1). (English) 48 pp.

Role and extent of competition in improving the performance of public enterprises (TCD/SEM.89/2). (English, French, Spanish) 380 pp.

### 4. Population

Training in population: The United Nations fellowship programme, 1953-1983 (ST/TCD/SER.E/11. 89.II.H.3). (English, French, Spanish) 87 pp.

## D. Natural resources and energy

### 1. General

Natural Resources Forum. Vol. 14, Nos. 1-4.

### 2. Energy

Energy Newsletter, 1990 issue. (English) 4 pp.

Trends and salient issues in energy resources. Report of the Secretary-General (E/C.7/1991/9). 31 pp. a/

Energy-saving strategies and measures to improve the efficient utilization of electric power systems. Report of the Secretary-General (E/C.7/1991/12). 25 pp. a/

Technical cooperation programmes on the exploration, development and efficient use of energy resources. Report of the Secretary-General (E/C.7/1991/13). 24 pp. a/

Energy and environment: Impacts and controls (Technical publication) (TCD/NRED/E.16). (English) 85 pp.

Natural gas applications in developing countries (Technical publication) (TCD/NRED/E.17). (English) 68 pp. plus figures.

Energy conservation and substitution in the transport sector of developing countries (Technical publication) (TCD/NRED/18). (English) 93 pp.

United Nations symposium on solar energy applications in developing countries. Proceedings of a United Nations symposium organized in cooperation with the Government of China. 428 pp.

Energy conservation in developing countries. Proceedings of a seminar organized in cooperation with the Government of Sweden (TCD/SEM.90/3). (English) 119 pp.

Power plant operation, maintenance, rehabilitation and distribution in the Arab region (TCD/SEM.90/4). (English) 44 + vi pp.

Enerplan III - Software for integrated energy planning and modelling. Version 1.0 (English).

Enerutil - Software for production of energy balances to the level of useful energy. (English, Spanish).

Enerbase - Energy database software. (English, Spanish).

## 3. Infrastructure

New techniques, including remote sensing, for identifying, exploring for and assessing natural resources: Information referral systems on satellite remote sensing data. Report of the Secretary-General (E/C.7/1991/7). 18 pp. a/

World Cartography. Vol. XX (ST/TCD/15. E.90.I.12) (English, French, Spanish) 40 pp.

United Nations Group of Experts on Geographical Names, Newsletter No. 5. (English) 11 pp.

World Cartography. Vol. XX (ST/TCD/14. E.90.I.8) (English, French, Spanish) 148 pp.

World Cartography. Vol. XXI (ST/TCD/15. E.90.I.12) (English, French, Spanish) 40 pp.

United Nations Group of Experts on Geographical Names, Newsletter No. 6. (English) 22 pp.

Interregional Seminar on Land Information Systems and Management for Developing Countries (TCD/SEM.90/1). (English) 26 pp.

International Seminar on the Provision of Municipal Services in Developing Countries. (English) 62 + iii pp.

## 4. Minerals

Progress in implementation of sovereignty over natural resources. Report of the Secretary-General (E/C.7/1991/6). a/

Salient issues in mineral resources. Report of the Secretary-General (E/C.7/1991/4). 34 pp. a/

Small-scale mining projects in developing countries: A review of recent activities. Report of the Secretary-General (E/C.7/1991/5). 23 pp. a/

International law for global environmental cooperation: "A critical assessment of the scope and role of permanent sovereignty over natural resources" (Minerals Series, TCD/NRED/No.1). 120 pp.

Mining Exploration Potential of West Africa: Report of a regional seminar. (English) 152 + viii pp.

## 5. Water

Ground water in Eastern and Northern Europe. Natural Resources/Water Series No. 24 (ST/TCD/11. E.89.II.A.11). (English, French, Spanish) 278 pp.

River and lake basin development. Proceedings of the United Nations interregional meeting on river and lake basin development with emphasis on the Africa region. Natural Resources/Water Series No. 20 (E.90.II.A.10). (English, French, Spanish) 428 pp.

Promotion of women's participation in water resources development. Report of a seminar. Natural Resources/Water Series No. 25 (E.90.II.A.24). (English, French) 63 pp.

International rivers and lakes newsletter. Nos. 13 and 14 (English).

United Nations ground water software.

Volume I: Databases and ground water utilities (English).

Volume II: Ground water mathematical models (English).

## E. Statistics b/

Population software notes (Newsletter). (English).

1989 Interregional Workshop on Population Data Bases and Related Topics. (English) 167 + ii pp.

The Use of Microcomputers for Census Data Processing. (English) 57 + iv pp.

Manual on population census data processing using microcomputers (F/53) (E.90.XVII.19). (Arabic, English, French) 118 pp.

Measuring literacy through household surveys (Technical publication). (English) 237 pp.

Household income and expenditure surveys (Technical publication). (English) 342 pp.

Assessing the nutritional status of children through household surveys (Technical publication). (English) 164 pp.

NHSCP Reporter: Newsletter of the National Household Survey Capability Programme. (Arabic, English, French, Spanish) 25 pp.

NHSCP: Programme de mise en place de dispositifs nationaux d'enquête auprès de ménages. (French) 222 + vi pp.

Planning organization and administration of large-scale demographic and social data collection activities for small areas: Report of an interregional workshop. (English).

Handbook on social indicators (89.XVII.6). (Arabic, Chinese, English, French, Russian, Spanish) 154 pp.

Directory of technical cooperation in statistics (ST/ESA/STAT/105/Rev.2). (Arabic, English, French, Russian, Spanish).

Handbook for national statistical databases on women and development (K/6) (89.XVII.9). (Arabic, English, French, Russian, Spanish) 119 pp.

International Standard Industrial Classification (ISIC) of all economic activities (M/4. Rev.3) (E.90.XVII.11). (Arabic, Chinese, English, French, Russian, Spanish) 189 pp.

Supplementary principles and recommendations for population and housing censuses (M/67. Add.1) (E.90.XVII.9). (Arabic, Chinese, English, French, Russian, Spanish) 143 pp.

Disability statistics compendium (Y/4) (E.90.XVII.17). (English) 350 pp.

Methods of measuring women's participation in the informal sector (F/46) (E.90.XVII.16). (Chinese, English, Spanish) 216 pp.

Monthly bulletin of statistics (12 issues per year) (Q/193-204). (English/French).

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a/ Reports of the Secretary-General are issued in the six official languages: Arabic, Chinese, English, French, Russian and Spanish.

b/ Produced by the Statistical Office/Department of International Economic and Social Affairs in support of DTCD activities or as part of its own publications programme. The research publications, yearbooks, manuals, etc. serve as training and reference works and/or guidelines used in operational activities.